

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	"6,939,155".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/27 08:07
L2	0	2003/0195418	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/27 08:07
L3	2	"20030195418"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/27 08:57
L4	58	439/297.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/27 08:57
L5	1974	600/437.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/27 09:01
L6	244	353/15.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/27 09:01
L7	191	353/19.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/27 09:01

## EAST Search History

L8	709	353/30.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/27 09:01
L9	1350	353/31.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/27 09:01
L10	115	353/71.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/27 09:01
L11	945	353/119.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/27 09:01
L12	460	353/121.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/27 09:01
L13	1189	353/122.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/27 09:01
L14	1697	349/5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/27 09:02

## EAST Search History

L15	1214	349/5.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/27 09:02
L16	385	349/8.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/27 09:02
L17	420	349/9.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/27 09:02
S1	1	"6,626,543".pn.	USPAT	OR	OFF	2007/05/26 15:50
S2	190	(docking adj station) and (audio or speaker\$1) and drive\$3 and multimedia	USPAT	OR	OFF	2005/05/02 14:56
S3	53	(docking adj station) and radio and projector	USPAT	OR	OFF	2005/04/12 10:20
S4	40	S2 and S3	USPAT	OR	OFF	2005/04/12 10:20
S5	144	project\$7 and (media adj drive\$1) and (speaker\$1 or audio\$1)	USPAT	OR	OFF	2005/05/02 13:19
S6	253	353/15	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/05/02 13:20
S7	0	353/15 and (media adj drive\$1)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/05/02 13:21
S8	6	353/15 and multimedia	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/05/02 13:21
S9	36	353/16	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/05/02 13:35
S10	169	353/19	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/05/02 13:35
S11	1381	(docking adj station\$1) and (audio or speaker\$1) and drive\$3	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/05/02 17:37

## EAST Search History

S12	415	S11 and project\$7	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/05/02 14:57
S13	2	("6626543").URPN.	USPAT	OR	OFF	2005/05/02 15:13
S14	1	"6,496,122".pn.	USPAT	OR	OFF	2005/05/02 15:13
S15	437	(docking adj station\$1) and (audio or speaker\$1) and drive\$3 and indicator	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/05/02 17:51
S16	364	Koval.xa.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/05/02 17:40
S17	4819	karaoke	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/05/02 17:51
S18	29	karaoke and (docking adj station\$1)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/05/02 17:54
S19	18	karaoke and (docking adj station\$1) and project\$7	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/05/02 17:54
S20	18	karaoke and (docking adj station\$1) and project\$7 and (audio or speaker\$1)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/05/02 18:31
S21	851	353/30	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/05/02 18:33
S22	1828	353/31	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/05/02 18:33
S23	171	353/71	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/05/02 18:36
S24	1180	353/119	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/05/02 18:37
S25	448	353/121	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/05/02 18:38
S26	1215	349/5	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/05/02 18:38
S27	619	349/8	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/05/02 18:39
S28	673	349/9	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/05/02 18:39

## EAST Search History

S29	0	("20050083486").PN.	USPAT; USOCR	OR	OFF	2005/10/05 18:31
S30	1	("20050083486").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/05 18:31
S31	0	("5,552,839.pn.").PN.	USPAT; USOCR	OR	OFF	2005/10/05 19:01
S32	1	"5,552,839".pn.	USPAT	OR	OFF	2005/10/05 18:57
S33	0	("290050012909").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/05 18:58
S34	1	("20050012909").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/05 18:58
S35	1	("20040017548").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/05 19:00
S36	1	"5,214,514".pn.	USPAT	OR	OFF	2005/10/05 19:00
S37	1	"5,266,980".pn.	USPAT	OR	OFF	2005/10/05 19:00
S38	0	("5,461,437.pn.").PN.	USPAT; USOCR	OR	OFF	2005/10/05 19:01
S39	1	"5,461,437".pn.	USPAT	OR	OFF	2005/10/05 19:02
S40	1	"5,664,859".pn.	USPAT	OR	OFF	2005/10/05 19:03
S41	1	"5,729,395".pn.	USPAT	OR	OFF	2005/10/05 19:03
S42	1	"5,847,748".pn.	USPAT	OR	OFF	2005/10/05 19:04
S43	1	"6,332,029".pn.	USPAT	OR	OFF	2005/10/05 19:09
S44	0	("20020027999").PN.	USPAT; USOCR	OR	OFF	2005/10/05 19:05
S45	1	("20020027999").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/05 19:06
S46	1	("20020085730").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/05 19:06
S47	1	"6,431,711".pn.	USPAT	OR	OFF	2005/10/05 19:13
S48	1	("20020105624").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/05 19:08
S49	1	"6,443,574".pn.	USPAT	OR	OFF	2005/10/05 19:12
S50	0	("20020149672").PN.	USPAT; USOCR	OR	OFF	2005/10/05 19:09
S51	1	("20020149672").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/05 19:09

## EAST Search History

S52	1	("20020175915").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/05 19:09
S53	1	"6,505,940".pn.	USPAT	OR	OFF	2005/10/05 19:12
S54	1	"6,522,419".pn.	USPAT	OR	OFF	2005/10/05 19:14
S55	1	"6,574,433".pn.	USPAT	OR	OFF	2005/10/05 19:14
S56	0	("20030137638").PN.	USPAT; USOCR	OR	OFF	2005/10/05 19:14
S57	1	("20030137638").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/05 19:15
S58	1	"6,626,543".pn.	USPAT	OR	OFF	2005/10/05 19:15
S59	1	"6,637,888".pn.	USPAT	OR	OFF	2005/10/05 19:15
S60	1	"6,443,574".pn.	USPAT	OR	OFF	2005/10/06 11:53
S61	2	"6,626,543".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/07 11:00
S62	256	353/15	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/07 11:01
S63	37	353/16	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/07 11:01
S64	169	353/19	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/07 11:28
S65	894	353/30	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/07 11:28

## EAST Search History

S66	1951	353/31	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/07 11:28
S67	177	353/71	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/07 11:28
S68	1257	353/119	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/07 11:28
S69	465	353/121	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/07 11:28
S70	2559	353/122	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/07 11:29
S71	1323	349/5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/07 11:29
S72	670	349/8	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/07 11:29
S73	724	349/9	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/07 11:29
S74	1	"6,443,574".pn.	USPAT	OR	OFF	2006/03/13 15:04
S75	63	Koval.xa. and sensor	USPAT	OR	OFF	2006/03/14 10:44

## EAST Search History

S76	1	"6,575,581".pn.	USPAT	OR	OFF	2006/03/14 10:45
S77	5	("5117221"   "6002505"   "6142650"   "6431731"   "6460999").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/14 10:44
S78	1	"6,460,999".pn.	USPAT	OR	OFF	2006/03/14 10:48
S79	2	("5221977"   "6002505").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/14 10:45
S80	1	("6575581").URPN.	USPAT	OR	OFF	2006/03/14 10:47
S81	2	("5221977"   "6002505").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/14 10:47
S82	8	("6460999").URPN.	USPAT	OR	OFF	2006/03/14 10:47
S83	1	"6,002,505".pn.	USPAT	OR	OFF	2006/03/14 10:48
S84	11	("6002505").URPN.	USPAT	OR	OFF	2006/03/14 10:48
S85	2	353/15	US-PGPUB	OR	OFF	2006/03/15 11:48
S86	0	353/16	US-PGPUB	OR	OFF	2006/03/15 11:48
S87	0	353/19	US-PGPUB	OR	OFF	2006/03/15 11:48
S88	52	353/30	US-PGPUB	OR	OFF	2006/03/15 11:48
S89	211	353/31	US-PGPUB	OR	OFF	2006/03/15 11:49
S90	7	353/71	US-PGPUB	OR	OFF	2006/03/15 11:49
S91	93	353/119	US-PGPUB	OR	OFF	2006/03/15 11:49
S92	12	353/121	US-PGPUB	OR	OFF	2006/03/15 11:49
S93	97	353/122	US-PGPUB	OR	OFF	2006/03/15 11:49
S94	45	349/5	US-PGPUB	OR	OFF	2006/03/15 11:49
S95	2	349/8	US-PGPUB	OR	OFF	2006/03/15 11:49
S96	23	349/9	US-PGPUB	OR	OFF	2006/03/15 11:50
S97	123	(media adj drive\$1) and (docking adj station\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/07/28 11:38
S98	132	(media adj drive\$1) and (docking adj station\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/28 11:38

## EAST Search History

S99	63	S98 and project\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/28 11:44
S10 0	52	S99 and (speaker\$1 or audio)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/28 11:52
S10 1	33	S100 and (LED\$1 or indicator\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/28 11:59
S10 2	1	(projector near (coupled near (docking adj station)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/28 12:00
S10 3	4	(projector with (coupled with (docking adj station)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/28 12:01
S10 4	4	(projector with (coupled near (docking adj station)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/28 15:16
S10 5	0	(projector near (coupled with (docking adj station)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/28 12:01
S10 6	2	(projector with (coupled near (docking adj station))) and (speaker\$1 or audio)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/28 15:18
S10 7	265	353/15	US-PGPUB; USPAT	OR	OFF	2006/07/28 16:51

## EAST Search History

S10 8	2	353/15	US-PGPUB	OR	OFF	2006/07/28 16:51
S10 9	0	353/16	US-PGPUB	OR	OFF	2006/07/28 16:51
S11 0	52	353/30	US-PGPUB	OR	OFF	2006/07/28 16:51
S11 1	211	353/31	US-PGPUB	OR	OFF	2006/07/28 16:51
S11 2	7	353/71	US-PGPUB	OR	OFF	2006/07/28 16:51
S11 3	114	353/119	US-PGPUB	OR	OFF	2006/07/28 16:51
S11 4	14	353/121	US-PGPUB	OR	OFF	2006/07/28 16:51
S11 5	105	353/122	US-PGPUB	OR	OFF	2006/07/28 16:51
S11 6	45	349/5	US-PGPUB	OR	OFF	2006/07/28 16:52
S11 7	2	349/8	US-PGPUB	OR	OFF	2006/07/28 16:52
S11 8	23	349/9	US-PGPUB	OR	OFF	2006/07/28 16:52
S11 9	1022	713/300	US-PGPUB	OR	OFF	2006/07/28 16:52
S12 0	1	"6,846,081".pn.	US-PGPUB; USPAT	OR	OFF	2006/08/04 10:05
S12 1	0	"10998225"	US-PGPUB; USPAT	OR	OFF	2006/08/04 13:58
S12 2	1	"20050088629"	US-PGPUB; USPAT	OR	OFF	2006/08/04 14:01
S12 3	1	"6,050,690".pn.	US-PGPUB; USPAT	OR	OFF	2006/08/04 14:02
S12 4	1	"20030214633"	US-PGPUB; USPAT	OR	OFF	2006/08/04 14:02
S12 5	1	"6,808,271".pn.	USPAT	OR	OFF	2006/08/04 15:25
S12 6	276	353/15	US-PGPUB; USPAT	OR	ON	2007/01/17 18:41
S12 7	175	353/19	US-PGPUB; USPAT	OR	ON	2007/01/17 18:41
S12 8	1072	353/30	US-PGPUB; USPAT	OR	ON	2007/01/17 18:42
S12 9	2426	353/31	US-PGPUB; USPAT	OR	ON	2007/01/17 18:42

## EAST Search History

S13 0	196	353/71	US-PGPUB; USPAT	OR	ON	2007/01/17 18:42
S13 1	1573	353/119	US-PGPUB; USPAT	OR	ON	2007/01/17 18:42
S13 2	551	353/121	US-PGPUB; USPAT	OR	ON	2007/01/17 18:42
S13 3	2961	353/122	US-PGPUB; USPAT	OR	ON	2007/01/17 18:42
S13 4	3	((multi\$2media adj display) same ((media or multi\$2media) adj drive)) and ((docking adj station) same speaker\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/26 15:07
S13 5	15	((media or multi\$2media) adj drive) and ((docking adj station) same speaker\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/26 15:46
S13 6	132	(cell adj phone) and (projection adj lens)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/26 15:55
S13 7	23	S136 and dock\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/26 15:48
S13 8	1	"6,070,247".pn.	USPAT	OR	OFF	2007/05/26 15:50
S13 9	2	((cellor cellular) adj phone) same (projection adj lens)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/26 15:56

## EAST Search History

S14 0	2	"6,939,155".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/26 17:31
S14 1	316	(docking adj station) same handle	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/26 17:35
S14 2	11	(docking adj station) adj handle	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/26 17:35
S14 3	18	polynomial same (pin\$2cushion or (pin adj cusion\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/26 18:33
S14 4	0	(polynomial adj reflector) same (pin\$2cushion or (pin adj cusion\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/26 18:36
S14 5	21	reflector same (pin\$2cushion or (pin adj cusion\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/26 18:34
S14 6	3	(polynomial adj reflector) and lens\$2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/26 18:36